
Oral Health

Definition: Respondents who have not visited a dentist or dental clinic for any reason within the past year.

Prevalence of Oral Health

- South Dakota 30.5%
- Nationwide median 29.7%

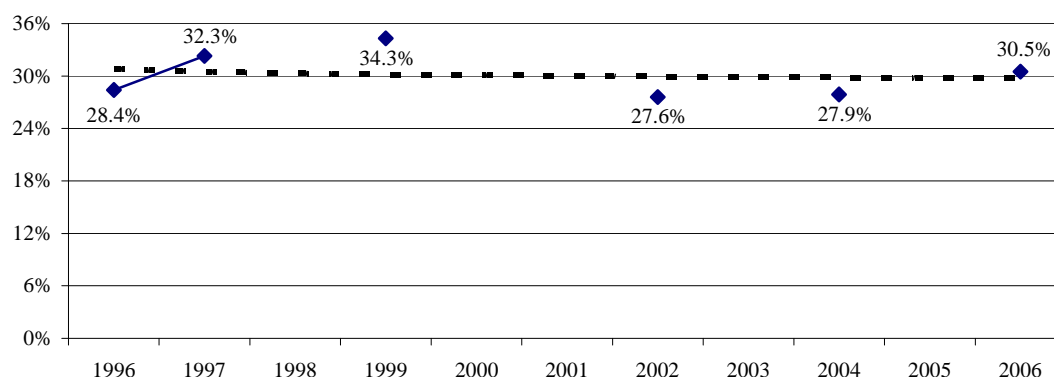
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for not visiting a dentist or dental clinic for any reason within the past year.

Trend Analysis

This question was first asked in 1996 and hit its peak in 1997 with 32.3 percent of respondents who have not visited a dentist or dental clinic for any reason within the past year. The percent increased from 27.9 percent in 2004 to 30.5 percent in 2006.

Figure 54
Percent of Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 1996-1997, 1999, 2002, 2004, and 2006



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1996-1997, 1999, 2002, 2004, and 2006

Demographics

- Gender** Males exhibit a significantly higher prevalence of those not visiting a dentist in the past year than females. This gender difference is most evident among ages 25-54, whites, those in the central region, those in the higher income groups, and those who are married.
- Age** The lack of visiting a dentist does not seem to have a strong association with age. However, a significant increase in not seeing a dentist in the past year occurs as the 65-74 age group is reached.
- Race** There are no significant racial differences observed from the available data.

Region	Those in the central and American Indian counties regions demonstrate a very high prevalence of not seeing a dentist, while those in the southeast and northeast regions show a very low prevalence.
Household Income	The prevalence of no dental visits in the past year is much lower in the higher income groups. This includes a significant decrease as the \$35,000-\$49,999 income group is reached.
Education	The prevalence of no visits to the dentist in the past year decreases as education increases. This includes a significant decrease as the college graduate level is reached.
Employment Status	Those who are retired or unable to work exhibit a very high prevalence of no dental visits in the past year, while those who are employed for wages show a very low prevalence.
Marital Status	Those who are divorced, separated, or widowed demonstrate a significantly higher prevalence of no dental visits in the past year than those who are married or have never been married.

Table 66
Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 2006

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,624	30.5	(29.0-32.1)	2,589	33.7	(31.2-36.2)	4,035	27.5	(25.7-29.4)
Age									
18-24	262	32.9	(26.6-40.0)	111	32.5	(23.3-43.3)	151	33.4	(25.3-42.6)
25-34	737	30.8	(26.9-34.9)	283	36.5	(30.3-43.2)	454	24.7	(20.6-29.4)
35-44	1,037	27.3	(24.2-30.5)	419	32.1	(27.3-37.3)	618	22.4	(18.8-26.4)
45-54	1,409	27.9	(25.2-30.8)	588	34.3	(30.0-39.0)	821	21.7	(18.6-25.1)
55-64	1,164	26.7	(23.9-29.7)	496	28.5	(24.2-33.2)	668	24.8	(21.3-28.6)
65-74	945	33.4	(30.0-36.9)	364	37.3	(31.8-43.1)	581	30.0	(26.0-34.4)
75+	999	40.1	(36.6-43.7)	304	37.4	(31.5-43.7)	695	41.8	(37.6-46.1)
Race									
White	5,902	30.0	(28.5-31.6)	2,315	33.4	(30.9-36.0)	3,587	26.8	(24.9-28.7)
American Indian	515	30.9	(25.5-36.8)	188	32.0	(23.5-41.8)	327	29.7	(23.6-36.8)
Region									
Southeast	1,486	28.6	(25.7-31.7)	577	32.5	(28.0-37.5)	909	24.7	(21.3-28.5)
Northeast	1,608	30.1	(27.3-33.0)	609	31.6	(27.1-36.4)	999	28.7	(25.4-32.2)
Central	1,351	36.2	(33.1-39.5)	530	44.3	(39.1-49.6)	821	28.2	(24.9-31.8)
West	1,512	30.2	(27.3-33.2)	603	31.9	(27.5-36.7)	909	28.5	(24.9-32.3)
American Indian Counties	667	37.1	(31.8-42.8)	270	36.6	(28.4-45.5)	397	37.8	(31.5-44.5)
Household Income									
Less than \$10,000	311	41.1	(33.7-49.1)	*	*	*	*	*	*
\$10,000-\$14,999	393	50.7	(43.2-58.1)	112	51.9	(39.0-64.5)	281	50.0	(41.0-59.1)
\$15,000-\$19,999	504	37.3	(30.5-44.6)	160	37.6	(26.3-50.5)	344	37.0	(29.5-45.1)
\$20,000-\$24,999	560	42.9	(37.1-48.9)	205	46.7	(37.5-56.2)	355	39.5	(32.5-47.0)
\$25,000-\$34,999	893	38.0	(33.5-42.7)	382	44.7	(38.0-51.7)	511	30.7	(25.3-36.7)
\$35,000-\$49,999	1,133	28.2	(25.0-31.7)	491	32.9	(27.9-38.4)	642	23.2	(19.5-27.4)
\$50,000-\$74,999	1,029	24.3	(20.9-28.0)	481	29.0	(23.9-34.7)	548	18.6	(14.8-23.1)
\$75,000+	918	18.2	(15.3-21.5)	460	24.2	(19.7-29.3)	458	10.0	(7.3-13.6)
Education									
8th Grade or Less	283	52.4	(41.0-63.5)	126	49.4	(32.2-66.8)	157	56.2	(46.3-65.6)
Some High School	341	41.2	(33.6-49.1)	134	43.4	(32.7-54.8)	207	38.9	(28.9-50.0)
High School or G.E.D.	2,132	35.1	(32.3-37.9)	866	37.0	(32.8-41.4)	1,266	33.0	(29.5-36.6)
Some Post-High School	1,828	30.4	(27.4-33.5)	650	35.8	(30.6-41.2)	1,178	25.9	(22.7-29.3)
College Graduate	2,026	22.1	(19.8-24.6)	802	24.9	(21.3-28.9)	1,224	19.5	(16.6-22.7)

Table 66 (continued)									
Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 2006									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Employment Status									
Employed for Wages	3,223	28.0	(25.8-30.3)	1,217	32.4	(29.0-36.1)	2,006	23.5	(21.0-26.2)
Self-employed	910	32.9	(29.2-36.8)	596	36.3	(31.6-41.3)	314	23.9	(18.8-30.0)
Unemployed	180	36.2	(26.8-46.7)	*	*	*	*	*	*
Homemaker	400	33.4	(27.8-39.5)	*	*	*	*	*	*
Retired	1,542	36.3	(33.6-39.1)	553	37.8	(33.3-42.5)	989	35.1	(31.8-38.6)
Unable to Work	270	41.6	(33.6-50.1)	100	32.5	(21.4-45.9)	170	49.3	(39.9-58.8)
Marital Status									
Married/Unmarried Couple	3,952	28.2	(26.4-29.9)	1,692	32.3	(29.6-35.1)	2,260	24.0	(21.9-26.2)
Divorced/Separated	873	40.3	(36.2-44.5)	342	43.9	(37.4-50.7)	531	37.3	(32.1-42.8)
Widowed	1,018	41.7	(38.3-45.2)	154	41.2	(32.8-50.1)	864	41.9	(38.1-45.7)
Never Married	757	30.4	(25.5-35.9)	392	33.6	(26.8-41.2)	365	25.6	(19.0-33.6)

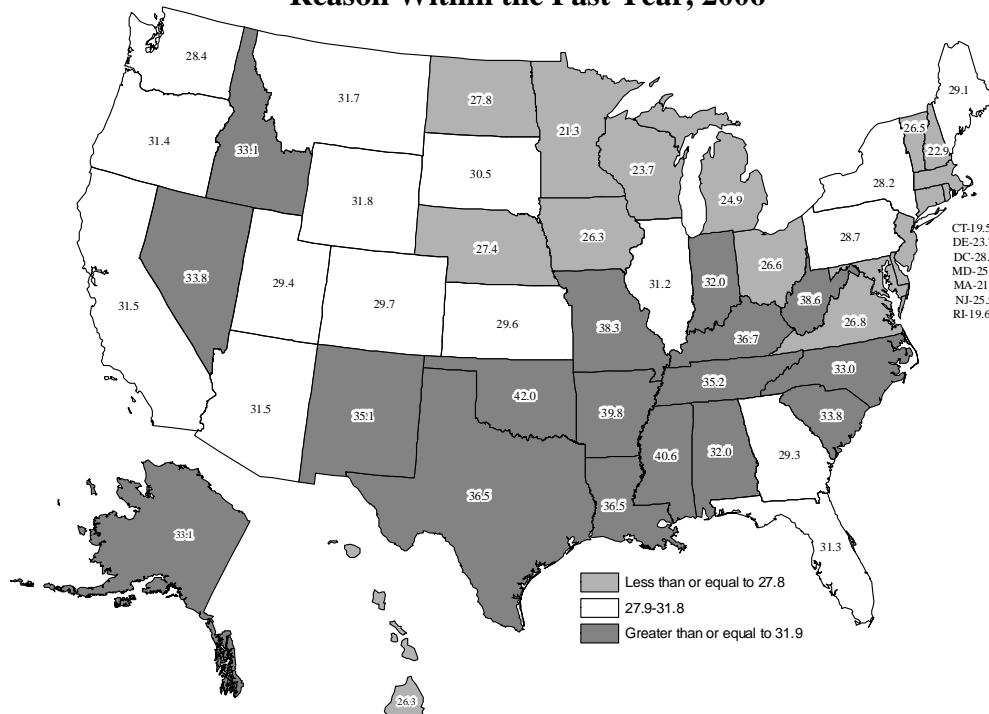
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2006

National Statistics

The national median for respondents who have not visited a dentist or dental clinic for any reason within the past year was 29.7 percent. South Dakota had 30.5 percent of respondents who have not visited a dentist or dental clinic for any reason within the past year. Connecticut had the lowest percent of respondents who have not visited a dentist or dental clinic for any reason within the past year with 19.5 percent, while Oklahoma had the highest percent with 42.0 percent.

Figure 55
Nationally, Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 2006



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2006

Further Analysis

Following are data illustrating the percent of those who have not visited a dentist or dental clinic for any reason within the past year for various health behaviors and conditions. For example, 43.2 percent of respondents who stated they have fair or poor health status have not visited a dentist or dental clinic for any reason within the past year, while 28.9 percent of respondents who stated they have excellent, very good, or good health status have not visited a dentist or dental clinic for any reason within the past year.

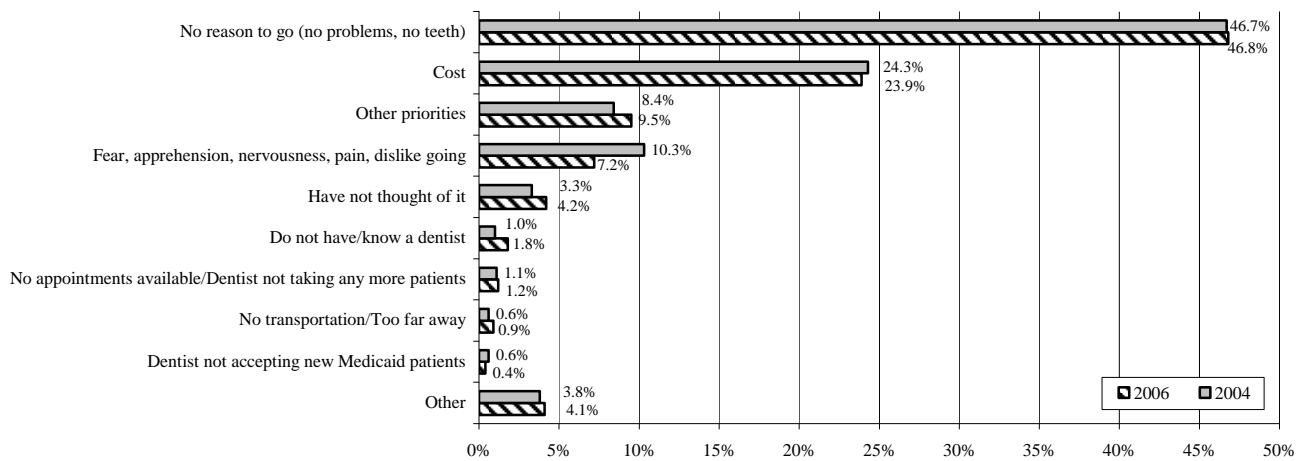
Table 67 Not Visited Dentist or Dental Clinic for Any Reason Within Past Year for Selected Health Behaviors and Conditions, 2006			
Health Behavior or Condition	# Respondents	% No Dentist or Dental Clinic	95% CI
Obese (BMI = 30.0+)	1,674	36.0	33.0-39.0
Overweight (BMI = 25.0-29.9)	2,426	30.1	27.5-32.8
Recommended Weight (BMI = 18.5-24.9)	2,089	26.9	24.3-29.7
No Leisure Time Physical Activity	1,735	41.2	37.7-44.7
Leisure Time Physical Activity	4,883	27.2	25.5-28.9
Not Heard of "Healthy South Dakota" Program	3,878	33.1	31.1-35.2
Heard of "Healthy South Dakota" Program	2,413	25.9	23.7-28.2
Current Smoker	1,248	41.5	37.5-45.7
Former Smoker	1,819	30.9	28.2-33.7
Never Smoked	3,541	26.3	24.4-28.3
Smokeless Tobacco Use	298	46.3	38.9-54.0
No Smokeless Tobacco Use	6,111	29.6	28.0-31.2
Diabetes	595	39.1	34.4-43.9
No Diabetes	6,027	29.9	28.4-31.6
Current Asthma	489	32.7	27.6-38.3
Former Asthma	172	32.2	23.4-42.5
Never Had Asthma	5,928	30.3	28.7-32.0
No Mammogram within Past Two Years (40+)	776	45.8	41.6-50.0
Mammogram within Past Two Years (40+)	2,257	21.3	19.5-23.2
No Clinical Breast Exam within Past Two Years	863	43.4	38.7-48.3
Clinical Breast Exam within Past Two Years	3,079	23.1	21.2-25.1
No Pap Smear within the Past Three Years	508	42.5	36.3-49.0
Pap Smear within the Past Three Years	2,379	24.3	22.0-26.8
No PSA Test within the Past Two Years (40+)	796	41.2	37.2-45.2
PSA Test within the Past Two Years (40+)	1,059	26.2	23.3-29.3
No Digital Rectal Exam within the Past Two Years (40+)	845	43.1	39.2-47.0
Digital Rectal Exam within the Past Two Years (40+)	1,074	25.4	22.6-28.5
Prostate Cancer (40+)	102	32.8	23.7-43.5
No Prostate Cancer (40+)	1,836	33.3	30.9-35.9
No Blood Stool Test within the Past Two Years (50+)	2,796	32.9	30.9-35.0
Blood Stool Test within the Past Two Years (50+)	866	26.5	23.2-30.1
Never Had a Sigmoidoscopy or Colonoscopy (50+)	1,636	36.9	34.2-39.7
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	2,067	26.9	24.7-29.1
Diagnosed with Cancer in the Past 12 Months	155	32.9	24.7-42.2
Not Diagnosed with Cancer in the Past 12 Months	6,212	30.4	28.9-32.0
Drank Alcohol in Past 30 Days	3,378	28.9	26.9-31.1
No Alcohol in Past 30 Days	3,219	32.7	30.5-35.0
Binge Drinker	863	34.7	30.3-39.4
Not a Binge Drinker	5,578	29.6	28.0-31.2

Table 67 (continued) Not Visited Dentist or Dental Clinic for Any Reason Within Past Year for Selected Health Behaviors and Conditions, 2006			
Health Behavior or Condition	# Respondents	% No Dentist or Dental Clinic	95% CI
Heavy Drinker	205	46.3	37.2-55.7
Not a Heavy Drinker	6,230	30.2	28.6-31.8
No Health Insurance (18-64)	404	56.3	48.9-63.4
Health Insurance (18-64)	4,028	26.3	24.5-28.1
Employer Based Health Insurance Coverage (18-64)	2,709	23.1	21.1-25.3
Private Health Insurance Plan (18-64)	570	33.6	28.8-38.8
Medicare (18-64)	125	39.9	29.1-51.9
Medicaid or Medical Assistance (18-64)	168	43.8	32.7-55.6
The Military, CHAMPUS, TriCare, or the VA (18-64)	174	30.4	23.3-38.5
The Indian Health Service (18-64)	226	29.6	22.3-38.2
No Flu Shot (65+)	520	46.1	41.2-51.1
Flu Shot (65+)	1,418	33.6	30.8-36.5
No Pneumonia Shot (65+)	647	40.3	36.0-44.8
Pneumonia Shot (65+)	1,232	35.0	31.9-38.1
Not Taking any Precautions Against West Nile Virus	2,739	34.0	31.5-36.6
Taking Precautions Against West Nile Virus	3,626	27.9	25.9-29.9
Sometimes/Seldom/Never Wear Seat Belt	1,148	40.8	36.8-44.8
Always/Almost Always Wear Seat Belt	5,365	28.3	26.6-29.9
Previously Had a Heart Attack	455	37.2	32.1-42.6
Never Had a Heart Attack	6,145	30.2	28.6-31.8
Have Angina or Coronary Heart Disease	388	37.8	32.3-43.6
Do Not have Angina or Coronary Heart Disease	6,182	30.1	28.5-31.7
Previously Had a Stroke	246	43.5	35.9-51.4
Never Had a Stroke	6,372	30.2	28.7-31.8
Fair or Poor Health Status	992	43.2	39.2-47.4
Excellent, Very Good, or Good Health Status	5,609	28.9	27.3-30.6
Physical Health Not Good for 30 Days of the Past 30	426	32.9	27.5-38.8
Physical Health Not Good for 0-29 Days of the Past 30	6,077	30.3	28.7-32.0
Mental Health Not Good for 20-30 Days of the Past 30	353	38.2	31.6-45.3
Mental Health Not Good for 0-19 Days of the Past 30	6,177	30.1	28.6-31.7
Usual Activities Unattainable for 10-30 Days of the Past 30	449	39.4	33.3-45.8
Usual Activities Unattainable for 0-9 Days of the Past 30	6,113	29.9	28.4-31.6
Dissatisfied / Very Dissatisfied with Life	233	44.0	36.1-52.1
Satisfied / Very Satisfied with Life	6,184	30.3	28.8-31.9
Physical, Mental, or Emotional Disability	1,518	36.1	33.0-39.3
No Physical, Mental, or Emotional Disability	5,086	29.1	27.4-30.9
Disability with Special Equipment Needed	529	34.6	29.8-39.8
No Disability with Special Equipment Needed	6,091	30.3	28.7-31.9
Injured in a Fall (45+)	233	38.7	31.4-46.6
Not Injured in a Fall (45+)	4,260	30.4	28.8-32.0
Never Been Tested for HIV (18-64)	3,539	30.1	28.0-32.3
Been Tested for HIV (18-64)	900	26.6	23.2-30.4
Military Veteran	999	33.5	30.0-37.3
Not a Military Veteran	5,609	30.0	28.3-31.7

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2006

The main reason respondents stated for not visiting the dentist in the last year was no reason to go with 46.7 percent of respondents saying this. Figure 56, on the next page, displays respondent's reasons for not visiting the dentist in the last year.

Figure 56
Respondent's Main Reason for Not Visiting the Dentist in the Last Year, 2004 and 2006



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004 and 2006